

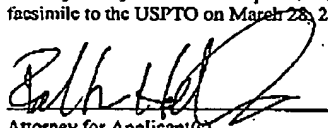
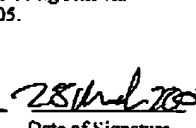
REMARKS

Claims 1-45 and 47-52 are pending in the application. Claims 1-11, 18-20, 22-31 and 35-45 stand rejected under 35 U.S.C. § 102 as anticipated by U.S. Patent No. 5,680,450, issued to Dent. Claims 12-17, 32-34, and 47-52 stand rejected under 35 U.S.C. § 103 as obvious over Dent in view of U.S. Patent No. 4,709,391 issued to Kaizer. Applicant has amended Claim 1 to incorporate Claim 12, Claim 22 to incorporate Claim 32, and Claim 35 to incorporate Claim 47. Applicant respectfully requests reconsideration and full allowance of all pending claims.

Applicant respectfully submits that Dent and Kaizer cannot make obvious Claims 1, 22, 35 and 52 because no motivation exists to combine the references as set forth by the Examiner. The Examiner admits that Dent fails to teach, disclose or suggest modeling of distortion associated with a microphone sensing input sound but suggests that Kaizer discloses modeling inherent to transducers including both microphones and loudspeakers. Applicant respectfully submits that no motivation of such a combination exists and that, indeed, Dent teaches away from such a combination by stating that microphones and amplifiers have "more than adequate linearity specifications" and thus do not produce distortion. Accordingly, Applicant respectfully submits that all pending claims are fully allowable and requests full allowance without delay.

CONCLUSION

In view of the remarks set forth herein, the application is believed to be in condition for allowance and a notice to that effect is solicited. Nonetheless, should any issues remain that might be subject to resolution through a telephonic interview, the examiner is requested to telephone the undersigned.

I hereby certify that this correspondence is being sent via facsimile to the USPTO on March 28, 2005.	
	
Attorney for Applicant(s)	Date of Signature

Respectfully submitted,



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